

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2069153
<b>Application Number:</b>	10598973
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2785
<b>Title of Invention:</b>	Pyrazolo[3,4-b]pyridine compounds, and their use as PDE4 inhibitors
<b>First Named Inventor/Applicant Name:</b>	Caroline Mary COOK
<b>Customer Number:</b>	20462
<b>Filer:</b>	James Marlin Kanagy/Ellen Kelleher
<b>Filer Authorized By:</b>	James Marlin Kanagy
<b>Attorney Docket Number:</b>	PB60788
<b>Receipt Date:</b>	10-AUG-2007
<b>Filing Date:</b>	
<b>Time Stamp:</b>	08:33:46
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	IDS_1449_Aug_2007.pdf	190136 e1dc6d4845ac70b31641c341c3f553ff4a3947de	no	4

### Warnings:

<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	Bare_1989JMC_pyrazolopyridine_ester_amide_anxiolytic_agents_1.pdf	1405767 e3388141197aa858a33ad3128590dc76762d3559	no	13
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	Beer_1978_Pharmacol Biochem_Behavior_SQ65_396_antianxiety_agent.pdf	641939 d1d700c685507e1868ab2099d459a9ea5179558a	no	3
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	Bondavalli_2002_JMC_pyrazolopyridine_5_ester_A1_Antagonists1.pdf	18648856 1d081f815c7ae79bc44d0afd1bc1d4884271e267	no	13
<b>Warnings:</b>					
<b>Information:</b>					
5	Foreign Reference	CA1003419_Squibb_pyrazolo_3_4_b_pyridines.pdf	5455104 53c924cfb677f5c17a9c761758ce62a8ae78cb6f	no	25
<b>Warnings:</b>					
<b>Information:</b>					
6	Foreign Reference	CH553799_A5_Squibb_1_H_1_furanylmethyl_pyrazolopyridines.pdf	589454 431ea2670ba20dc7b3dd8f1a2cd5fa99e28bb9af	no	8
<b>Warnings:</b>					
<b>Information:</b>					
7	Foreign Reference	CH553799_Squibb_pyrazolopyridines_structures_EN_translation.pdf	2836095 ef121ca58c0bee2a19c5bad43de516d0aea513d9	no	17
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	Chakravorti_1978_Indian_J_Chem_isoquinolylpyrazolo_3_4_b_pyridines.pdf	857208 adc096ad3c42eca451c7118d4fce23b64d00ddfc	no	3
<b>Warnings:</b>					
<b>Information:</b>					
9	NPL Documents	Chasin_1972_Biochem Pharmacol_SQ20009_as_PDE_inhibitor.pdf	1148135 d7a6154b861de3d4aa3fee41eac05b7cta88e2b	no	8
<b>Warnings:</b>					
<b>Information:</b>					

10	NPL Documents	Chem_Abs_Reg_no_502143_17_1_NSC235755_8_April_2003.pdf	83141 02f0114cd64d29824a3aa458814c4d5150c19f74	no	1
<b>Warnings:</b>					
<b>Information:</b>					
11	NPL Documents	Daly_MedChemRes_1994_1_Me_4_substd_pyrazolo_3_4_b_pyridines_OA1_A2_activty.pdf	2883111 1531e7625c852b319d409990d09f8d5ea66ef9f0	no	14
<b>Warnings:</b>					
<b>Information:</b>					
12	NPL Documents	Davis_1987_J_Comp_Aided_Mol_Design_modelling_PD_E_substrates_inhibitors.pdf	2204363 d643eb24fce3ea8f305f2a4d6aff6f7ce566e7	no	23
<b>Warnings:</b>					
<b>Information:</b>					
13	NPL Documents	de_Mello_2004_JMedChem_47_5427_32_Antileishmanial_Pyrazolopyridines1.pdf	7322138 004e1dd21624f9a0f7b22e9466260abb45d825e	no	6
<b>Warnings:</b>					
<b>Information:</b>					
14	NPL Documents	Denzel_1974_1_unsubtituted_pyrazolopyridine_esters_D_E_original.pdf	2126931 e37d1a988975a055ac1fb48182f51c285c458306	no	10
<b>Warnings:</b>					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
<b>Information:</b>					
15	NPL Documents	Denzel_Archiv_der_Pharmazie_1974_EN_trans.pdf	555702 0332fe86c36551fcd2f58d38b6e79d6e8300442b	no	10
<b>Warnings:</b>					
<b>Information:</b>					
16	Foreign Reference	EP76035_A1_ICI_Americas_pyrazolopyridines.pdf	612378 ba65577652a81d1c3e656916571c92998e5826f4	no	21
<b>Warnings:</b>					
<b>Information:</b>					
17	Foreign Reference	EP180318_A1_ICI_pyr_pyridine_5_amides.pdf	1884716 42721b6510f9d1548be6688935d49bc65f1fcd0b	no	47
<b>Warnings:</b>					
<b>Information:</b>					
18	Foreign Reference	GB1417489_Squibb_4_amin_o_6_COOH_PZPs.pdf	523468 6b66c9a38f0daaed9728ec4abc054cbb73556e2e	no	10

<b>Warnings:</b>					
<b>Information:</b>					
19	Foreign Reference	GB1511006_Squibb_4_amin o_6_Ph_PZPs.pdf	426343 b44ae304a390e6f06a4639a687c2df28 d544a312	no	9
<b>Warnings:</b>					
<b>Information:</b>					
20	NPL Documents	Giembycz_2000_PDE4_Inhi bitors_and_Treatment_of_As thma1.pdf	9282627 832eddf050b1b1aa54fbb879d3f4f6688 1202ec6	no	20
<b>Warnings:</b>					
<b>Information:</b>					
21	NPL Documents	Glass_1979_Biochem_Phar macol_vol_28_inhibitn_cAM P_PDEs_by_PDE_inhibitors. pdf	1057651 0ed40ce11f265686f637f7a13f8e8c9bf9 c1665f	no	6
<b>Warnings:</b>					
<b>Information:</b>					
22	NPL Documents	Hoehn_Denzel_JHetChem_ 1972_1.pdf	12886971 c31fb65cb7410b7868e21fa9c72913b 97b39e10	no	19
<b>Warnings:</b>					
<b>Information:</b>					
23	NPL Documents	Horowitz_1972_Psychosoma tics_cyclic_AMP_and_anxiet y.pdf	1112725 ff33014a007d9bb09eacdb705439ea93f9 b178ed8	no	8
<b>Warnings:</b>					
<b>Information:</b>					
24	Foreign Reference	JP2002020386_Ono_PDE4_ English_transl.pdf	591221 816e65defeebace8ed85b701d83c551b 188c1169	no	71
<b>Warnings:</b>					
<b>Information:</b>					
25	NPL Documents	Hoehn_JMedChem_1973_1 6_1340_pyrazolo_3_4_b_pyr idines1.pdf	6427047 30e2608ece2fb11cfd62a18f7b878c21 b8ff68c	no	7
<b>Warnings:</b>					
<b>Information:</b>					
26	Foreign Reference	jp2002020386A.pdf	1818660 4ec390f7c0c361b5d7f9de7effe8caa050 b8e747	no	37
<b>Warnings:</b>					
<b>Information:</b>					
27	Foreign Reference	JP2002020386A_Ono_pyraz olopyridines.pdf	2288138 0a22a8ff7db1ea84a3b8f72b06e2fa329 c290021	no	37

<b>Warnings:</b>					
<b>Information:</b>					
28	NPL Documents	Kripalani_1981_Xenobiotica _cartazolate_SQ65_396_biot ransformation.pdf	1342706  8b2288400a2fefd93188217b260451fe3 0baa4a3	no	8
<b>Warnings:</b>					
<b>Information:</b>					
29	NPL Documents	Ochiai_BioorgMedChemLet t_webrelease.pdf	174807  6b54e9b8de4693dbe7b2d53650e5818 ba182c9be	no	4
<b>Warnings:</b>					
<b>Information:</b>					
30	NPL Documents	Ochiai_Ono_BioorgMedChe m_2004_PZP_PDE4_inhibit ors.pdf	378702  d5d615b591e26620528456ef08ec2c95 136112df	no	12
<b>Warnings:</b>					
<b>Information:</b>					
31	NPL Documents	Ochiai_Ono_June2004_Che mPharmBull_PZP_paper1.p df	11211593  dfb6d8572cf2c189bf85e422e2d9afd24 c58ef63	no	7
<b>Warnings:</b>					
<b>Information:</b>					
32	NPL Documents	Ochiai_Ono_PDE4_pyrazolo pyr_5Jan2004_BioorgMedC hemLett_14_29_32.pdf	170759  0723011a022575571882198c9c9bfeb6 85587639	no	4
<b>Warnings:</b>					
<b>Information:</b>					
33	NPL Documents	Patel_1982_anxiolytic_prope rties_of_tracazolate.pdf	726686  ce299ae4946db341634134af614828ea f8d7fae7	no	11
<b>Warnings:</b>					
<b>Information:</b>					
34	NPL Documents	Patel_1985_pharmacology_ of_pyrazolopyridines_tracaz olate.pdf	510924  6f340ab026da61c580a86644fe74c9db ad19bc4d	no	6
<b>Warnings:</b>					
<b>Information:</b>					
35	NPL Documents	Polson_1979_Biochem_Phar macol_vol28_PDE_inhibitn_t racheal_smooth_muscle_rel axation.pdf	1170920  c9321d090797ed92e8719d375834d02 ae435938a	no	5
<b>Warnings:</b>					
<b>Information:</b>					
36	Foreign Reference	pp1-75_JP2002020386A_mt 2.pdf	13576648  63b3dd8e94ea660f7174f35dc1d16b46b 45464e0	no	75

<b>Warnings:</b>					
<b>Information:</b>					
37	Foreign Reference	pp76_167_JP2002020386A mt2-2.pdf	13894450 e4b224d66abbd1f192b6de451c0b234c 53caf614	no	92
<b>Warnings:</b>					
<b>Information:</b>					
38	NPL Documents	RBI_1998_catalogue_tracaz olate_entry.pdf	1033748 1d5c6957ab8ab58e46458b758e0fda36 fe573d96	no	5
<b>Warnings:</b>					
<b>Information:</b>					
39	NPL Documents	Sabitha_1999_SynthComm_ route_to_pyrazolo3_4_b_pyri dines.pdf	941452 04d8b40fb17b3f474951fcc3b164fc62cf 2ef6f8	no	11
<b>Warnings:</b>					
<b>Information:</b>					
40	NPL Documents	Schenone_2001_BioorgMCL .pdf	105714 2aecf0cca3eb5ec2a928a9ab9b896b75 7e915d6f	no	3
<b>Warnings:</b>					
<b>Information:</b>					
41	NPL Documents	Shi_Daly_DrugDevRes_199 7_Pyrazolopyridines_Adenos ine_GABAA_receptor_activit y.pdf	412548 e4b853e5841cb96fbc55d14c20da73ca 48b37e32	no	16
<b>Warnings:</b>					
<b>Information:</b>					
42	NPL Documents	Weinryb_1975_Excerpta_Me d_Int_Congr_Ser_SQ20009_ as_PDE_inhibitor.pdf	2606626 1adb717c7559048220087ef8bda02509 49a7641b	no	9
<b>Warnings:</b>					
<b>Information:</b>					
43	Foreign Reference	WO2005_058892A1.pdf	14261179 5d083deabe9d03f27afdba6796ee8d197 073f0e2	no	295
<b>Warnings:</b>					
<b>Information:</b>					
44	Foreign Reference	WO2005_090348A1.pdf	4455196 6eede1f6b7164bc7afeae036941f8e537 f5ca86c	no	88
<b>Warnings:</b>					
<b>Information:</b>					
45	Foreign Reference	WO2005_090353_A1.pdf	5951874 4ad9bca7a450a35b187857669b01121 81f07bbd	no	114

Warnings:					
Information:					
46	Foreign Reference	WO2005_090354_A1.pdf	7465726	no	142
			ffbfa213b25c5b58470c15d88e7a4cc9191a67e8		
Warnings:					
Information:					
47	Foreign Reference	WO0015222A1_Bristol_Myerts_Squibb.pdf	4683653	no	113
			0b00fadbe742987ec1095fb8a2cd7f11b916ef1b		
Warnings:					
Information:					
48	Foreign Reference	WO0123389A2_A3_Neurogen_neuropeptide_Y1_antagonists.pdf	7448846	no	218
			c02302c1e26ece89f61447b1b14840733f135f7e		
Warnings:					
Information:					
49	Foreign Reference	WO0144244A1_Merck_pyrazolopyridine_GABA_ligands.pdf	1770950	no	46
			2bb8e4be762f48a0d254078f27d88d5d8d88aa50		
Warnings:					
Information:					
50	Foreign Reference	WO0260900A2_A3_Telik_MCP_1_antagonists.pdf	5185732	no	124
			d84b68b2d9f9f6ead33fa3da3b002d3f0437d151		
Warnings:					
Information:					
51	Foreign Reference	WO0281463A1_Telik_MCP_1_antagonists.pdf	3525273	no	84
			9f979fc53b159b92b6a21aee8b81c25b3bd090bc		
Warnings:					
Information:					
52	Foreign Reference	WO2002098878A1_Memory_CF3_purines_as_PDE4_inhibitors.pdf	4680759	no	115
			b2cc3cf67920ce6a5903b747e6d46f4d0e9a2c18		
Warnings:					
Information:					
53	Foreign Reference	WO2003016563A2_A3_Exonhit_treating_neurodegenerative_ALS_with_PDE4_inhibitors_g_PZPs.pdf	3570128	no	72
			203802d41fe91440e07d008b9f67d786e24beced		
Warnings:					
Information:					
54	Foreign Reference	WO2004024728A2.pdf	14604892	no	293
			b154d3e3bd80c9ca685d2b7a3c6fa7122314ca94		

<b>Warnings:</b>					
<b>Information:</b>					
55	Foreign Reference	WO2004024728A2_A3_P33 108_pyrazolopyr_5_amides_ esters.pdf	14960457  2c844cc69b4f0a6d4f0509684493cf0e5 1faf95d	no	299
<b>Warnings:</b>					
<b>Information:</b>					
56	Foreign Reference	WO2004024728A3.pdf	225337  3cd4491c7ef2172be65fe12e6803b5db 2763a62f	no	6
<b>Warnings:</b>					
<b>Information:</b>					
57	Foreign Reference	WO2004056823A1.pdf	12644820  8d78d1088cd536fc5f76ef798b302915 bc0fcb3	no	244
<b>Warnings:</b>					
<b>Information:</b>					
58	Foreign Reference	Yu_2001JMC_Pyrazolopyridi nes_as_PDE5_Inhibitors1.pdf	542337  8c007121ac96395ee15096854d2fe548 a8d97208	no	3
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			240095467		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.